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1

PATENT APPLICATION

10/764,109

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Luc Dinh Truong

Serial No.:

10/764,109

Date Filed:

January 23, 2004

Group Art Unit:

2115

Examiner:

Patel, Hari

Title:

**SYSTEM, METHOD AND SOFTWARE
FOR POWER MANAGEMENT IN A
STYLUS INPUT ENABLED
INFORMATION HANDLING SYSTEM**

CLAIMS AS ALLOWED

1. (Cancelled)

2. The information handling system of Claim 4, further comprising:
a switch operably coupled to the stylus garage; and
the stylus operable to actuate the switch when parked in the stylus garage.

3. The information handling system of Claim 4, further comprising:
a magnetic switch disposed proximate the stylus garage; and
a magnetic stylus operable to actuate the magnetic switch when disposed proximate
the magnetic switch.

4. An information handling system comprising:
at least one processor;
memory operably associated with the processor;
a stylus garage operably associated with the processor, the stylus garage operable to
removably engage at least one stylus;
a power supply maintained by the stylus;
the stylus and the stylus garage cooperating to disengage the stylus power supply
when the stylus is parked in the garage;

AUS01:439407.1

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016295.1558
(DC-05790)

PATENT APPLICATION
10/764,109

2

a digitizer operably coupled to the processor and the memory; and
the processor operable to determine a parking status of the stylus in the stylus garage
and to effect one or more information handling system power states in response to the
parking status of the stylus in the stylus garage.

5. The information handling system of Claim 4, further comprising:
a magnetic device disposed proximate the stylus garage; and
the magnetic device operable to actuate a magnetic switch in the stylus such that the
stylus may be powered down when parked.

6. The information handling system of Claim 4, further comprising the processor
operable to effect operation of the digitizer in a reduced power mode when the stylus is
parked in the stylus garage.

7. The information handling system of Claim 4, further comprising the processor
operable to effect operation of the digitizer in an input mode when the stylus is not parked in
the stylus garage.

8. The information handling system of Claim 4, further comprising the processor
operable to generate at least one user notification of a non-parked stylus in response to a
request to power down the information handling system.

9. (Examiner's Amendment) Software for managing power in an information
handling system, the software embodied in computer readable media and when executed
operable to:

determine whether at least one stylus is parked in a stylus garage of the information
handling system;

disengage a power supply maintained by the stylus when the stylus is parked in the
garage; and

permit operation of the information handling system in one or more operating states
depending on results of [[the]] a stylus parking determination.

AUS01:439407.1

ATTORNEY DOCKET
016295.1558
(DC-05790)

PATENT APPLICATION
10/764,109

3

10. The software of Claim 9, further operable to operate a digitizer in a reduced power state when the stylus is parked in the stylus garage.

11. The software of Claim 9, further operable to operate a digitizer in an input mode when the stylus is not parked in the stylus garage.

12. The software of Claim 9, further operable to monitor the stylus garage for a change in stylus parking status.

13. (Examiner's Amendment) The software of Claim 12, further operable to alter [[an]] the one of more operating state of the information handling system in response to [[a]] the change in stylus parking status.

14. (Examiner's Amendment) The software of Claim 9, further operable to generate a notification in response to a request for power down of the information handling system and [[a]] the determination that the stylus is not parked in the stylus garage.

15. (Cancelled)

16. The method of Claim 20, further comprising monitoring the stylus garage for a change in the stylus parking status.

17. The method of Claim 20, further comprising powering a stylus input digitizer for input operations in response to a determination of a non-parked stylus.

18. The method of Claim 20, further comprising powering down a stylus input digitizer in response to determination of a parked stylus.

AUS01:439407.1

ATTORNEY DOCKET
016295.1558
(DC-05790)

PATENT APPLICATION
10/764,109

4

19. The method of Claim 20, further comprising:
determining the stylus parking status in response to a request to power down the
information handling system; and
generating a stylus absence notification in response to an empty stylus garage.

20. A method for powering an information handling system, comprising:
maintaining availability of a plurality of information handling system operating states;
effecting a selected operating state according to a stylus parking status in an
information handling system stylus garage;
and
disengaging a stylus power supply while the stylus is parked in the stylus garage.

AUS01:439407.1